Please type a plus sign. +

其5

Approved for use through 10/31/99. OMB 0651-0031 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO			A	JAN UT		Compl te if Known				
Substitute for	torm 144	49A/P10	7			Application Number Filing Date First Named Inventor	09/676,835			
IN	FOR	MAT	ION DISC	CLOSOM	ERKS	Filing Date	October 2, 2000	RECEIVE		
s.	TAT	EMEN	IT BY AF	PLICAN	N T	First Named Inventor	Merrill Alfred H. Jr., et	al.		
i						Group Art Unit	165/	MN 11 2004		
	luse	as mar	ny sheets as i	necessary)		Examiner Name	Me llev	JAN 11 2001		
Sheet	1	of	3	<u> </u>		Attorney Docket Number	18085.105300	TECH OENTER TOUVESO		
5	_ •	0.						TOURS TOUR PROPERTY OF THE PERSON NAMED IN COLUMN TO PERSON NAMED IN C		

			U.S. P	ATENT DOCUMENTS		
	T	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Pages, Columns, Lines, Where Relevant Passages or Relevant
Examiner Initials*	Cite -	Number	Kind Code (if known)	of Cited Document	MM-DD-YYYY	Figures Appear
1000	AA	5,599,914		Wiegand Herbert et al	02-04-1997	
ABMAI	AB	5,916,911		Shayman et al.	06-29-1999	
- -	AC	5,910,425		De Boer et al.	06-08-1999	
\vdash	AD	5,635,536		Lyons	06-03-1997	
	AE	5,610,040		Smeets et al.	03-11-1997	
\vdash	AF	5,518,879		Merrill et al.	05-21-1996	
┝─├─	AG	5,488,166		Hudlicky	01-30-1996	
\vdash	AH	5,463,092		Kumar Raj et al.	10-31-1995	
$\vdash \vdash \vdash$	AI	5,459,057		Merrill et al.	10-07-1995	
├ ─┼	AJ	5,430,169		Boumendjel et al.	06-04-1995	
	AK	5,232,837		Merrill et al.	08-03-1993	
 		5,190,876		Merrill	03-02-1993	
 	AL	5,110,987		Liotta and Merrill	05-05-1992	
 /	AM	5,103,002		Wieland	04-07-1992	
14/	AN	6,127,578		Merrill et al.	10-03-2000	

			Foreign Patent Docum		NAME of Patentee or Applicant	Date of Publication	Pages, Columns, Lines,		
Examiner I Initials*		Cite No.	Office	Number	Kind Code (if known)	of Cited Document	of Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	Т
APG	AP		EP 0 821 068	Α	Rohm & Haas	01-28-1998		~	
Man al	√AQ		WO 97 26891		Beiersdorf	07-31-1997			
1/	AR		WO 97 10817		Univ. Michigan	03-27-1997		L	
				ļ				┝	
				20 1			<i>e</i> /	L	
Examine Signatur			POPULI L	1//		Date Considered	# 1/22/	6	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form hould be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington DC 20231.

Please type a plus sign (

Approved for use through 10/31/99. OMB 0651-0031 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

required to respond to a collection of information unless it contains a valid OMB control number. Under the Paperwork Reduction act of 1995 no persons Complete if Known Substitute for form 1449A/PTO 09/676,835 **Application Number** October 2, 2000 INFORMATION DISCLOST **Filing Date** Merrill Alfred H. Jr., et al. STATEMENT BY APPLICANT **First Named Inventor Group Art Unit Examiner Name** (use as many sheets as necessary) TECH CENTER 1600/2900 18085.105300 Attorney Docket Number 3 of Sheet

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т
111/41/	BA	BENNUN et al., Infect. & Immun., 57:969-74, 1989.	 `
(ABASA)	DD	RELL R. et al. Cold Spr. Harbor Sym. Quant. Biol., 53:103, 1966.	+
+;	BC	BUEHRER and BELL, <i>J. Biol. Chem</i> . 267:3154-3159, 1992.	╀
 ;	BD	RUEHRER and RELL Adv. Lipid Res. 6:59-67, 1993.	╁
1	DE	CROSSMAN and HIRSCHBERG. J. Biol. Chem., 252:5815-5819, 1977.	╁
*	RE	FARKAS-HIMSLEY et al., Proc. Natl. Acad. Sci. (USA) 92:6996-7000, 1993.	╁
9	BG	HAKOMORI J. Biol. Chem. 265:18713-18716, 1990.	+
—	BH	HANNUN et al., J. Bio. Chem. 261:12604-12609, 1986.	十
y	DI.	IHANNUN I Biol Chem. 269:3125-3128, 1994.	+
4	BJ	HANNUN and OBEID, Trends Biochem. Sci. 20:73-77, 1995.	+
4	BK	J. Urol., 155(5):653A, Abst. 1367, 1996.	ナ
` `	BL	JACEWICZ et al., <i>J. Clin. Invest.</i> 96:1328-1335, 1995.	7
	BM	JEFFERSON, A. and Schulman, H., J. Biol. Chem. 263:15241, 1988.	
1	BN	KARLSSON, K. A., Chem. Phys. Lipids , 5:6-43, 1970.	+
	100	KAWAI, G. et al., "Stimulatory effect of certain plant springolipids on return of certain plant springolipids on the certain plant springolipids of certain plant springolipids on the certain plant springolipids on the certain plant springolipids of certain plant springolipids of certain plant springolipids of certain plant springolipids on the certain plant springolipids of certain plant springolipids of certain plant springolipids on the certain plant springolipid springolipids of certain plant springolipid springolip	ı
`	ВО	commune," J. of Biol. Chem., 261(2), 1986 779-784.	+
96	BP	KEUSCH et al., Infect. & Immun . 63: 1138-1141; 1995.	+
	BQ	KOLESNICK, Cell 77:325-328, 1994.	十
	BR	MERRILL et al., Fungal Lipids (R. Prasad and M. Ghanoum, eds.), CRC Press, Boca Raton, FL,	-
*	DI.	1995a	十
	BS	MERRILL and WANG, <i>Methods Enzymol</i> , . 209:427-437, 1992.	寸
ì	ВТ	MERRILL et al., J. Biol. Chem. 261:3764-3769, 1986. MERRILL & SWEELEY, "Sphingolipids: metabolism and cell signalling," New Comprehensive MERRILL & SWEELEY, "Sphingolipids: metabolism and cell signalling," New Comprehensive Merrican Comprehens	\top
	į	MERRILL & SWEELEY, "Springolipids, metabolism and soil signaling," Biochemistry: Biochemistry of Lipids, Lipoproteins, and Membranes, (Vance, D.E. & Vance, J.E.,	1
	BU	Biochemistry: Biochemistry of Lipius, Lipoproferius, and Morrison (1996)	
		eds.), pp. 309-338, Elsevier Science, Amsterdam, 1996.	\Box
	BV	MINN, A. J., et al., <i>Blood</i> 86: 1903-1910, 1995.	
		MINN, A. J., et al., <i>Nature</i> , 385: 353-357, 1997. MORRISON, Biochim. Biophys. Acta., 176:537-546, 1969.	
L W	ų BX	MORRISON, Biochim. Biophys. Acta., 170.007-040, 1000.	
Exami	ner	Considered	-2/

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form hould be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington DC 20231.

1 10.00.00

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

nder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute to	ADBIIG	ACA/DTO	erwork Reduction Act of 1995, no person	Complete if Known				
Substitute to	r torm 14	49A/P10		Application Number	09/676,835	1		
12	NFOF	MAT	ON DISCLOSURE	Filing Date	October 2, 2000	4		
			T BY APPLICANT	First Named Inventor	Merrill Alfred H. Jr., et al.	1/		
	,,,,,			Group Art Unit	165/	<u> </u>		
	(1181	e as man	y sheets as necessary)	Examiner Name	Meller	2 9		
Sheet	3	of	3	Attorney Docket Number	18085.105300	E.		
Officer						36		

Please type a plus sign (+) inside this box

			3	
	_		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	_
cami nitia	lș*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т
7.=	4	CA	MUCHMORE, S. W., et al., <i>Nature</i> , 381: 335-341, 1996	ľ
150	<u> </u>	CB	NILSSON, A., Biochim. Biophy. Acta . 164:575-584, 1968	┖
+	-	CC	Patent Abstracts of Japan, vol.095, no. 002, March 31, 1995	上
\dashv	<u> </u>	CD	PITTET, D., et al., J. Biol. Chem. 262:10072, 1987	1
-	\dashv	CF	ROBSON et al., J. Lipid Res. 35:2060-2068, 1994.	╀-
\dashv	\dashv	CF	SCHMELZ et al., Journal of Nutrition . 124; 702-/12	╀
\dashv	-,	CG	THOMPSON et al. Biochem, Pharmacol. 56: 591-597, 1998.	+
一	٠	СН	WELLS, G. B. and LESTER, R.L., <i>J. Biol. Chem.</i> , 258:10200-10203, 1983.	╀
\dashv		[MU SON et al. J. Biol. Chem. 261:12616-12623, 1986.	╄-
.†	0	CJ	WINICOV, I. and GERSHENGORN, M., J. Biol. Chem. 263:12179, 1988.	+
$\frac{1}{2}$	/	СК	WU et al., J. Biol. Chem. 268:13830-13837, 1993.	╀
V				+
				+
				╀
				╀
				+
				+-
				+
	_			+
				+
				+
				+
				+
				+
				+
				+
				+
			Carl Me	
	ımin natu		Date Considered	/

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form hould be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington DC 20231.